

FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.  
04-105 (400/146)

Serial No.  
10/783,128

FIFTH SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:  
McSwiggen et al.

Filing Date:  
February 20, 2004

Group:  
1635

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate
	*	US-2002/0086356	03/30/01	Tuschl et al.			07/04/02
	*	US-2002/0151693	02/08/01	Breaker et al.			10/17/02
	*	US-2003/0059944	09/13/02	Lois-Caballe et al.			03/27/03
	*	US-2003/0064945	07/25/01	Akhtar et al.			04/03/03
	*	US-2003/0143732	08/30/02	Fosnaugh et al.			07/31/03
	*	US-2004/0019001	07/26/02	McSwiggen et al.			01/29/04
	*	US-2004/0161844	11/04/03	Baker et al.			08/19/04
	*	US-2005/0182005	05/13/04	Tuschl et al.			02/18/05
	*	US-2005/0227256	11/26/04	Hutvagner et al.			10/13/05

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	*	5,587,471	12/24/96	Cook et al.			
	*	5,998,206	12/07/99	Cowser			
	*	6,060,456	05/09/00	Arnold et al.			
	*	6,214,805	04/10/01	Torrence et al.			

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	*	6,346,398	02/12/02	Pavco et al.			
	*	6,573,099	06/03/03	Graham et al.			
	*	6,824,972	11/30/04	Kenwick et al.			
	*	7,022,828	04/04/06	McSwiggen et al.			
	*	7,078,196	07/18/06	Tuschl et al.			

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		Document Number	Date	Country	Class	Subclas s	Translation	
							Yes	No
	1.	1389637	08/05/02	EP (Klippel et al.)				
	2.	03/044188	11/21/02	WO (Tei et al.)				
	3.	04/013280	02/12/04	WO (Davidson et al.)				
	4.	04/029212	04/08/04	WO (Rana, Tariq M.)				
	*	04/047872	06/10/04	WO (Kaemmerer et al.)				
	5.	04/048566	11/21/03	Saigo et al.				
	6.	04/090105	10/21/04	WO (Leake et al.)				
	7.	05/049821	11/18/04	WO (Naito et al.)				

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9.	Bellon et al., "4-Thio-oligo- $\beta$ -D-ribonucleotides: synthesis of $\beta$ -4'-thio-oligouridylates, nuclease resistance, base pairing properties, and interaction with HIV-1 reverse transcriptase," <i>Nucleic Acids Research</i> , 21(7):1587-1593 (1993)
10.	Bernstein et al., "The rest is silence," <i>RNA</i> , 7:1509-1521 (2001)
11.	Bitko et al., "Phenotypic silencing of cytoplasmic genes using sequence-specific double-stranded short interfering RNA and its application in the reverse genetics of wild type negative-strand RNA viruses," <i>BMC Microbiology</i> , 1:34 (11 pgs) (2001)
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14.	Claverie, Jean-Michel, "Fewer Genes, More Noncoding RNA," <i>Science</i> , 309, 1529-1530 (2005)
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17.	Hamasaki et al., "Short interfering RNA-directed inhibition of hepatitis B virus replication," <i>FEBS Letters</i> , 543:51-54 (2003)
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19.	Hornung et al., "Sequence-specific potent induction of IFN- $\alpha$ by short interfering RNA in plasmacytoid dendritic cells through TLR7," <i>Nature Medicine</i> , 11, 263-270 (2005)
20.	Judge et al., "Sequence-dependent stimulation of the mammalian innate immune response by synthetic siRNA," <i>Nature Biotechnology</i> , 23(4):457-462 (2005)

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29.	Opalinska et al., "Nucleic-Acid Therapeutics: Basic Principles and Recent Applications," <i>Nature Reviews Drug Discovery</i> , (1):503-514 (2002)
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31.	Sethupathy et al., "TarBase: A comprehensive database of experimentally supported animal microRNA targets," <i>RNA</i> , 12:192-197 (2006)
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| 34. | Zhang et al., "Targeted Gene Silencing by Small Interfering RNA-Based Knock-Down Technology," <i>Current Pharmaceutical Biotechnology</i> , 5:1-7 (2004) |
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